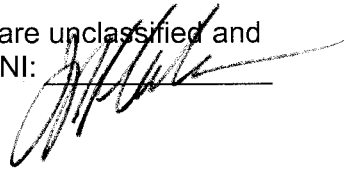




KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: February 27, 2002

Minutes are unclassified and
NOT UCNI: 

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for February 27, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

R. Ahlstrand	J. Hindman	M. McGrory	J. Nesheim
P. Arnold	K. Kunert	D. Onyskiw	M. Swartz
J. Floerke	L. Langlois	W. Moe	D. Ward

In addition to the attached status, the following was discussed:

1. Action Items were reviewed from last week's minutes. Items were completed with the exception of item number 1, which will be carried over until completed.
2. Hindman asked whether there would be a 6-hour blowdown of the high level lines similar to the low level lines as indicated in the 800 package. McGrory responded that they had older IWCP's and needed new ones. (see action items from this meeting)
3. Ahlstrand asked whether or not freezing liquid was a problem to consider for the future in tank 231B. Ward responded that the tank has been in operation for 10 years and it had not been a problem; the low water level and current inability to circulate tank contents at this time is causing the freezing liquid problem.
4. Hindman asked how the HF lines/equipment in B381 were verified empty. Langlois responded that they were tapped at low points and/or accessed using existing valves and verified empty; no liquid was found.
5. Ahlstrand asked if there were any USQD's that had been outstanding too long and did he need to check with folks in DOE to move any along. Kunert answered that none were at this time.

ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
2. McGrory is to provide a copy of the D&D schedule, which has been recently revised to include reviews by DOE/CDPHE, to Gerdeman and Ahlstrand.

371/4 Project

WEEKLY STATUS MEETING DOE/LRA for February 27, 2002

DOAN RECORD

B371-A-000077

3. Arnold is to ensure that B371 IH contacts Onyskiw to discuss beryllium.
4. McGrory is to forward the latest 800 package to Onyskiw and Hindman and inquire about the 6-hour blowdown for both the high and low level lines.

End



B371 CLOSURE PROJECT
WEEKLY STATUS MEETING

Every Wednesday, 9:30 a.m.

B371 Conference Room

February 27, 2002

AGENDA

INTRODUCTION – *Pam Arnold, X6035, Pager 303-212-4835*

CLASSIFICATION – *Janet Nesheim*

D&D

Presenters – *Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146*

- B374 Deactivation
- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Cerium Nitrate
- MAA/PA Closure
- Breathing Air
- Cold Area Status
- Sets 7, 21, and 14 Status
-

ENVIRONMENTAL – *Pam Arnold, X6035, Pager 303-212-4835*

AUTHORIZATION BASIS/BIO – *John Almon x3217, Pager 303-212-3426*

ACTION ITEMS FROM LAST MEETING:

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
2. McGrory is to incorporate both the State and DOE activities into the Project's schedule (to facilitate the consultative process) (carry over from 2/13/02)
3. Arnold is to gain concurrence from RISS and hand out the B374 PWTS/Tank 231 Strategy at next week's meeting.
4. McGrory is to evaluate the 400 PWL package JHA to ensure that the tapping and draining in the valve vaults is addressed with respect to Be hazards.
5. Arnold is to provide answers to Hindman's questions (from #3 above)

ACTION ITEMS FOR NEXT MEETING:

D&D Summary (AAC/AAD) Week Ending 2/22/02

B374 Deactivation

- Blowdown of process waste water lines – 400/800 packages are being finalized.
- 231 sludge removal – updating ALARA/RWP requirements to add HEPA filtered ventilation and address removal of ice prior to pumping sludge.
- Cessation of operations - Planned for March 2002 at which time building will be in D&D.

Non-actinide Liquid Draining

Continuing to develop Set 6 strategy.

Tanks

- Set 3 (3517) Completed removing Raschig Rings from Tank D65 2/8, D64 2/14, D132A 2/22; Tank D132C started. Cerium decon and D&D ready packages are ready-to-work. (1AC103AT00)
- Set 4 Raschig Ring removal from tanks 152A & B complete; surveys determined tanks meet SCO requirements; Determining disposition of tanks 150 & 133 (have non-boron silica rings); cerium decon and D&D ready packages are ready work. (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work. Doing pre-reqs for 2307 Raschig Ring removal (revising AJR). The 2317 mechanical line isolation package is ready to work (waiting on room scans). The line isolation work package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation walkdown complete; package in planning.

Gloveboxes

- Planning GB deactivation as contingent work for the Waste Team. Deactivation of Room 3511, Set 16 planned to start week of 2/25/02.

CSV

- I/O 8 modification package is expected to be signed off this week.
- The guillotine door switch relocation package has an ECR; should complete by the end of February.
- I/O 8 drain line installation package is in progress.
- Lead removal is 90% complete; remaining lead will be removed with the lead windows.
- Mechanical isolation package started 2/19.
- GB removal walkdown complete (plasma needs to be incorporated).
- Health Physics Vent Removal package in prereqs.
- Package in pre-reqs as of 2/22 for overheat removal.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The Project team continues work on procedures that de-couple the projects and package for disposition any remaining Pu fines in oily sludge or oxides at the point of generation. A meeting was held with MC&A to discuss the requirement for a blending down plan. Discussion with the SME on the form of matter being removed from the production equipment in Bldgs 707, 776, and 777 indicates that the matter will not be an oxide, but rather waste debris. Mixing the sludges and waste debris with an inert clay-based absorbent would not require a blending down plan.
- A procedure for the treatment of organic sludges is out for review. This will address the issue in the Closure Plan re: orphan/rogue waste with no defined ownership for scheduling or processing or no established disposition path (i.e. organic sludges). After procedure PRO-1545-TRM-001 Treatment of Waste Oils in Building 707/776/777 is approved, it will be modified to address B371 requirements.
- Decisions on The Safeguards Measurement Scans Database structure and report capabilities was finalized. Completion of the modifications and system testing is scheduled for March 16th. The Measurements Scan Team will then have the database available to update B371 SNM Holdup Inventories and generate system reports.

Characterization of plant Standards continues in order to determine a path forward for processing and disposition. In addition to the residue standards there are some metal and oxide standards that need a disposition path. Some of these standards exceed 200 FGE and were fixed in place using RTV. These will pose more of a challenge than the residue Standards which are typically less than 200 FGE and are simply mixed with diatomaceous earth.

Breathing Air Modification

- Room 2103 electrical and mechanical modifications are in progress.
- Bottle racks installed and painted. Breathing air bottles to be installed in approximately 2 weeks.
- Room 2103 wall will be replaced after installation of piping.
- Installing B371 breathing air drops (10 drops).

Cold Area D&D

- Engineering of the B381 fluorine building is complete; mechanical and electrical isolation packages are complete; clean out is complete; completed check to verify fluorine piping is empty.
- Fire Phone IWCP is approved and will be scheduled to work with the fire alarm (Simplex) package. The LSDW work is complete.
- Room 3179 engineering is complete, has been put on hold.
- Rooms 4101, 4102, 4103 and 4104 preliminary engineering is complete and in the walk-down phase with craft personnel.
 - IWCP for the Electrical Isolations is with KH Construction.
 - IWCP for tank verification and characterize being done by B374 Liquid Waste Operations.
- Mechanical engineering package for demolition of the UGST is complete; resolving fire alarm wiring issue with electrical isolation package. Manhole #1 entry was made on 2/6; now in Engineering.

Set 7: Dismantlement

- Electrical dismantlement is 60% complete.
- Ancillary equipment mechanical isolation is 60% complete.
- Started GB75 removal.
- First of four crated gloveboxes will go SCO; lead removal on this glovebox is complete; removal date TBD.
- Waterwall drain package is back to Planning and Engineering.

Set 21: Dismantlement

- Mechanical and Electrical Isolation package is working.
- WGIs are ready for this demo.

Set 14: Dismantlement

- Lead removal package is complete.
- Electrical isolation is 35% complete.
- Draining of waterwalls, port covers and windows is 30% complete.
- Mechanical isolation package has started; LO/TO is done.
- Removal of glovebox contents has started.
- Size reduction tent has been ordered.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
	AM	Tanks: D-200, D-241, D-242, D-243, and D2860		4103	Evaluating for Idle Equipment and inspection frequency
		Electric Motor/Pump		4103	
		Tanks: D261A, D261B, D253A, D253B, D254A, D254B, D223, D210, D204, D723, D250, D224, D249, D205, D203, D207, D256, D255, D309		4104	
		Glovebox		4104	
		Pumps		4104	
		Motors		4104	
		Piping		4104	
3		Tanks: D132A, B, and C	MRT	3517	Raschig Rings removed from Tank D132A. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
		Tanks: D64 D65	IE:371-01 IE:371-02	3517	Raschig Rings removed from Tanks D64 and D65. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
		Nitric Acid Recirc. Pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62. Evaporator Bottoms Pump 31-18 P49A Evaporator Bottoms Pump 31-18 P49B Pumps 33 A&B, 34 A&B	MRT IE: 0079 IE: 0080 IE: 0109	3571 3571 3571 3571	
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from all Tanks listed. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7	Container Storage – Room Mixed Residue Tank – Ancillary Equipment only Container Storage – Room Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180 Mixed Residue Tank - Ancillary Equipment only Mixed Residue Piping in room 3305 Container Storage – Glovebox 37C Container Storage – Room GB Storage - GB#32	371.1A N/A 371.1A IE: 0122 N/A MRT (ancillary equip.) 90.104 371.1A 371.1B	3301 3303 3305 3305 3305 3305 3315 3315	The container storage refers to 3 crated gloveboxes only. The first crated glovebox, X16534, has been removed and temporarily stored in room 3408 awaiting a cargo. Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
12	CWTS: GB 2401 CWTS: GB 2402, 2403 CWTS: GB 18, 23, 2404 CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403 Master process control and alarm panel Container Storage – Room	371.3A 371.3A 371.3A 371.3A N/A 90.14	1105 1103 1115 1103 1113 1111	Not currently in Permit – to be closed

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12	Container Storage – Room	90.19	1115	Not currently in Permit – to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
	Tanks: D-293A & B	MRT	1127	
	Container Storage – Room	371.1A	1103	
	Vault Container Storage	371.1C	1101	
	Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
	Pumps P-140, P-141A, P-141B	IE: 0113	1115	
	Pumps P-181 and P-182	IE: 0114	1117	
	Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	
13	Tank D-292A & B	MRT	2317	
	Tank D67	IE: 371-03	2317	
	Tank D277A	IE: 371-04	2317	
	Tank D277B	IE: 371-05	2317	
	Tank D912	IE: 371-06	2317	
	Tank D914	IE: 371-07	2317	
	Tank D916	IE: 371-08	2317	
	Tank D922A	IE: 371-09	2317	
	Tank D922B	IE: 371-10	2317	

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
13	Tank D933	IE: 371-11	2317	
	Pumps P-21A, P-914	IE: 0117	2307	
	Pumps P-85A, B, C; P-27A, B, C	IE: 0119	2317	
14	Container Storage – Room	371.1A	2325	
	Mixed Residue Piping in room 2325	MRT (ancillary equip.)	2325	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	
	See Set 19 also			
19	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
	Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21	Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
	See Set 21 also			

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SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24		GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
		Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56		Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
		GB Storage - GB's 107 and 113	374.3	3801	
57		No RCRA Units			
58		Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
		Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
		GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

Basis for Interim Operations (BIO)
Week Ending 02-22-02

PuSPS Page Changes

- Process less than 80% Pu oxides
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002

Operations Page Changes

- Page change to incorporate all JCOs
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002
- Residue Product Carts
 - Still waiting for DOE approval

BIO Update

- Building 371/374 PHA
 - Draft completion date 02-28-02

D&D Support

- JET approved D&D activities for sets/areas identified as OOC
 - Approved the use of Plasma Arc cutting for cold components
- Out-of-commission
 - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Response/ Approval
24	09-27-01	10-01-01	10-08-01	10-01-01
7	10-24-01	10-30-01	11-06-01	11-06-01
14	11-13-01	11-28-01	12-05-01	12-05-01
13	12-13-01	12-18-01	12-25-01	01-30-02
21, Ph. I	12-11-01	01-15-02	01-22-02	01-29-02
12, Ph. 1	01-02-02	01-15-02	01-22-02	01-29-02
15	01-09-02	01-24-02	01-31-02	N/A*
15*	02-19-02	02-26-02	03-05-02	
AM, Ph. 1				
PWTS	Cancelled			
21, Ph. II				
Process Vent**				

- * OOC request revised to remove the criticality drain collection system.
New evaluation replaces original evaluation.
- ** Sets 12 and 1